

Date: 2024/11/24

To,  
The Head of Department,  
Department of Artificial Intelligence,  
Kathmandu University, Panchkhal

**Subject: Request Equipment for our semester project.**

Dear Sir,

I hope this message finds you well. I am writing to request essential equipment for our project of II Year and I Semester, titled “**TomatoBot**”. To complete our project, we would need the following mentioned devices:

Sn. No.	Devices Name	Quantity	Sub-Total Estimated Cost	Estimated Cost
1	Robot Wheel 7cm Diameter and 4cm Width	4	85	340
2	Johnson Gear Motor 200 RPM 12v	4	1040	4160
3	DC Geared Motor Clamp L Shaped Motor Mount Mounting Bracket	4	105	420
4	L298N H-Bridge Motor Driver Module	1	400	400
5	LM2596 DC-DC Buck Converter Step Down Module	2	200	400
6	Male XT60 Female T-Connector	2	455	910
7	6 DOF Metal Robot Arm Mechanical Robotic Clamp Claw Mount Kit with MG996R Servos	1	9000	9000
8	16 Channel PCA9685 12-bit PWM Servo Shield Motor Driver I2C	1	900	900
Total		19	12185	16530

The estimated cost of the components needed for the project is about NPR Rs. 16,530 (Sixteen Thousand Five Hundred Thirty Rupees).

These components are crucial for completion of our project. So, I would request you to make these components available to me as soon as possible.

Thanks for your consideration.